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June 16, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 10/560,273 filed 12/08/05  
Applicant: Norris et al.  
Title: **SYSTEM AND METHOD FOR DELIVERING AUDIO-VISUAL  
CONTENT ALONG A CUSTOMER WAITING LINE**  
Group Art Unit:  
Attorney Docket No. 00025-22010 (old # 21902.PROV.PCT.US)

Sir/Madam:

Transmitted herewith for filing and pursuant to 37 C.F.R. §§ 1.56 and 1.97 is an Information Disclosure Statement. Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- ☒ Form **PTO/SB/08A and PTO/SB/08B** list of 63 references submitted for consideration.
- ☐ Legible copies of the listed references or their relevant portions.
- ☒ Legible copies of the listed non-patent documents and foreign documents or their relevant portions are included.
- ☒ Copies of U.S. patents and/or publications are not included pursuant to the Official Gazette Notice, dated Aug. 5, 2003, waiving the requirement of 37 C.F.R. 1.98(a)(2)(i).
- ☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

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8180 South 700 East • Suite 350 • Sandy, Utah 84070-0562 • 801.566.6633 • f. 801.566.0750 • [patlaw@tnw.com](mailto:patlaw@tnw.com) | U.S. Mailing Address: P.O. Box 1219 • Sandy, Utah 84091-1219

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The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

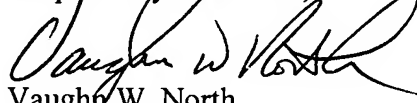
- ☐ Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.
- ☐ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.
- ☐ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in prior application no. \_\_\_\_\_, filed on \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

- ☐ Statement under 37 C.F.R. § 1.97(e)(1) or (2).
- ☐ Check No. \_\_\_\_\_, which includes the amount of \$180.00 (amount in § 1.17(p)) constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Respectfully submitted,



Vaughn W. North  
Attorney for Applicant  
Registration No. 27,930

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VWN/skp



PATENT APPLICATION  
ATTORNEY DOCKET NO. 00025-22010 (old # 21902.PROV.PCT.US)

IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

ART UNIT:

EXAMINER:

APPLICANT: Norris et al.

SERIAL NO.: 10/560,273

FILED: 12/8/2005

CONFRM. NO.:

FOR: METHOD FOR DELIVERING AUDIO-  
VISUAL CONTENT ALONG A  
CUSTOMER WAITING LINE

**CERTIFICATE OF MAILING**  
**UNDER 37 C.F.R. § 1.8**

DATE OF DEPOSIT: *Jun 28 06*

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Vaughn W. North*  
Vaughn W. North

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form **PTO/SB/08A** and **PTO/SB/08B** which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

☒ 37 C.F.R. § 1.97 (b)(1) or (3), within three months of the filing date of the application, or before a first office action on the merits, whichever occurs last;

☐ 37 C.F.R. § 1.97 (c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by either 1) a statement in accordance with 37 C.F.R. § 1.97(e), or 2) the fee set forth in § 1.17(p); or

☐ 37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance, whichever occurs first, but on or before payment of the issue fee, and is accompanied by both 1) a statement in accordance with 37 C.F.R. § 1.97(e), and 2) the fee set forth in § 1.17(p).

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently

aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

☐ A legible copy of each listed U.S. Patent or publication (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is enclosed pursuant to 37 C.F.R. §§ 1.97 and 1.98.

☒ A legible copy of each of the listed non-patent literature and foreign documents or their relevant portions is enclosed.

☒ Copies of cited U.S. patents and/or publications are NOT enclosed pursuant to the Official Gazette Notice, dated Aug. 5, 2003, waiving the requirement of 37 C.F.R. § 1.98(a)(2)(i).

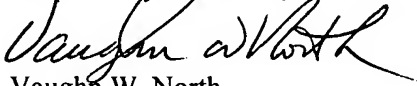
☐ Copies of the references listed in the accompanying Form PTO/SB/08A AND PTO/SB/O8B are NOT enclosed because, under 37 C.F.R. § 1.98(d), they were previously cited by or submitted to the Office in application number \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100.

Dated this 27 day of June, 2006.

Respectfully submitted,



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VWN/skp  
Enclosure



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet		of		Application Number	10/560,273
NEW				Filing Date	12/08/05
				First Named Inventor	Norris
				Art Unit	
				Examiner Name	
				Attorney Docket Number	21902.PROV.PCT.US (new # 00025-22010)

**Complete if Known**

Application Number	10/560,273
Filing Date	12/08/05
First Named Inventor	Norris
Art Unit	
Examiner Name	
Attorney Docket Number	21902.PROV.PCT.US (new # 00025-22010)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2002/0101360	08/01/02	Schrage	
	2	2001/0007591	07/12/01	Pompei	
	3	1,616,639	02/08/27	C.A. Sprague	
	4	1,951,669	Mar 20, 1934	Ramsey	
	5	2,461,344	02/1949	Olson	
	6	3,012,222	12/1961	Hagemann	
	7	3,398,810	08/1968	Clark, III	
	8	3,461,421	08/1969	Stover	
	9	3,612,211	10/12/71	William T. Clark, III	
	10	3,613,069	10/1971	Cary et al.	
	11	3,641,421	02/1972	Stover	
	12	3,710,332	01/1973	Tischner et al.	
	13	3,723,957	03/1973	Damon	
	14	3,742,433	06/1973	Kay et al.	
	15	3,836,951	09/1974	Geren et al.	
	16	3,908,098	09/1975	Kawakami et al.	
	17	3,961,291	06/1976	Harper et al.	
	18	4,005,278	01/25/74	Gorike	
	19	4,015,089	Mar 29, 1977	Ishii, et al.	
	20	4,207,571	06/1980	Passey	
	21	4,245,136	01/1981	Krauel, Jr.	
	22	4,265,122	05/1981	Cook et al.	
	23	4,378,596	03/1983	Clark	
	24	4,418,248	11/29/83	Mathis	
	25	4,418,404	11/1983	Gordon et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	26	WO 01/08449	02/01/01	PCT		
	27	EP 0 973 152	01/19/00	Massachusetts Institute of Technology		
	28	WO 01/33902	05/10/01	ATC		
Examiner Signature				Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete if Known</b>	
			Application Number	10/560,273
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	29	4,429,193	01/1984	Busch-Vishniac et al.	
	30	4,429,194	01/31/84	Kamon et al.	
	31	4,432,079	02/1984	Mackelburg et al.	
	32	4,433,750	02/28/84	Neese	
	33	4,439,642	03/1984	Reynard	
	34	4,558,184	12/1985	Busch-Vishniac et al.	
	35	4,593,160	06/1986	Nakamura	
	36	4,809,355	02/1989	Drefahl	
	37	4,823,908	04/25/89	Tanaka, et al.	
	38	4,908,805	03/1990	Sprekels et al.	
	39	4,991,148	02/1991	Gilchrist	
	40	5,181,301	01/1993	Wheeler	
	41	5,287,331	02/1994	Schindel	
	42	5,317,543	05/1994	Grosch	
	43	5,357,578	10/1994	Shinnosuke	
	44	5,357,578	10/1994	Taniishi	
	45	5,539,705	07/1996	Akerman et al.	
	46	5,662,190	09/02/97	Abe	
	47	5,767,609	Jun 16, 1998	Suganuma	
	48	5,844,998	12/01/98	Nageno	
	49	5,889,870	03/30/99	Norris	
	50	5,892,315	04/06/99	Gipson et al.	
	51	6,044,160	03/28/00	Norris	
	52	6,229,899	05/08/01	Norris et al.	
	53	6,556,687	Apr 29, 2003	Manabe	
	54	6,666,374	12/23/03	Green et al.	
	55	6,771,785	08/03/04	Pompei	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	56	JP60021695	02/1985	JP		
	57	JP2-265397	10/1990	JP		
Examiner Signature				Date Considered		

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		Art Unit			
		Examiner Name			
Sheet		of		Attorney Docket Number	00025-22010 (old # 21902.PROV.PCT.US)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	YONEYAMA M. ET AL., "The audio spotlight: An application of nonlinear interaction of sound waves to a new type of loudspeaker design" J. Acoust. Soc. Am. 73 (5), May 1983, pp 1532-1536.	
	2	Ultrasonic Ranging System--Polaroid.	
	3	HELMHOLTZ (Excerpts from On Combination Tones)--Editor's Comments on Paper 16.	
	4	AOKI, K., ET AL., "Parametric Loudspeaker--Characteristics of Acoustic Field and Suitable Modulation of Carrier Ultrasound," Electronics and Communications in Japan, Part 3, vol. 74, No. 9, pp. 76-82 (1991).	
	5	MAKAROV, S.N., ET AL., "Parametric Acoustic Nondirectional Radiator," Acustica, vol. 77 (1992).	
	6	WESTERVELT, P.J., "Parametric Acoustic Array," The Journal of the Acoustical Society of America, vol. 35, No. 4, pp. -(1963).	
	7	H. O. BERKTAY, T.G. MUIR "Arrays of Parametric Receiving Arrays" The Journal of the Acoustical society of America, pp. 1377-1383.	

Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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